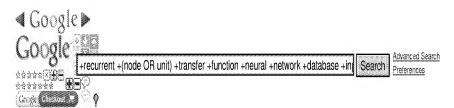


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A recurrent neural network is characterized by a set of cou-pled nonlinear ordinary differential equations ... unit (see Appendix A). Figure 2 gives the structure of a neuron The differentiable transfer function f, is the sigmoidal function, node, one input node, and one fully connected output node ...

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recurrent neural network, and is able to demonstrate the advantage of the dynamical ... measuring the pressure developed at the lips in response to a unit Instead, input speech is compared to speech synthesized on the basis of a ... to an area function, which is used to calculate the transfer function of the ...

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